

IN THE CLAIMS:

Please rewrite claims 1, 3, 5 and 6 as follows:

1. (Amended) A motor comprising:

a rotor having a rotor shaft projecting axially outward from opposite ends of said rotor;

a stator having a stator core consisting of a plurality of circular substrates arranged in layers, said stator core having a plurality of first grooves formed on a cylindrical outer surface of said stator core, said first grooves being arranged with a predetermined spacing around the circumference of the stator core and extending in an axial direction;

right and left brackets, each of said brackets having the form of a bottomed cylinder, having a bearing portion at a bottom portion of the cylinder so as to support said rotor shaft, having a plurality of engagement projections formed at an axially inner end and projecting axially inward so as to be fitted into said first grooves, and having a plurality of second grooves formed on a cylindrical outer surface such that said second grooves are arranged at predetermined spacing around the circumference of said cylindrical outer surface of each of said brackets and extend in the axial direction, with said second grooves formed on said right bracket aligned with said second grooves formed on said left bracket; and

a plurality of binders each having opposite ends bent so as to form engagement portions, said binders being fitted into said second grooves such that the engagement portions are engaged with axially outer ends of said right and left brackets to thereby clamp said stator core axially inward from axially opposing ends.

3. (Amended) A motor according to Claim 1, wherein said second grooves are shallow grooves whose cross sections each have a shape of a squarish letter U.

5. (Amended) A motor comprising:

a rotor having a rotor shaft projecting axially outward from opposite ends of said rotor;

a stator having a stator core consisting of a plurality of circular substrates arranged in layers, said stator core having a plurality of dovetail grooves formed on a cylindrical outer surface of said stator core, said dovetail grooves being arranged with a predetermined spacing around the circumference of said stator core and extending in an axial direction; and

right and left brackets, each of said brackets having the form of a bottomed cylinder, having a bearing portion at a bottom portion of the cylinder so as to support said rotor shaft, and having a plurality of engagement projections formed at an axially inner end and projecting axially inward so as to be fitted into said dovetail grooves, wherein

opening edge portions of said dovetail grooves are crimped with said engagement projections fitted into said dovetail grooves, so as to fix said engagement projections and said dovetail grooves to each other, to thereby clamp said stator core axially inward from opposing ends.

6. (Amended) A motor according to Claim 2, wherein said second grooves are shallow grooves whose cross sections each have a shape of a squarish letter U.